

EAA Chapter 648

Longmont, Colorado 80503

Our Next Meeting will be December 6th at Socash Residence

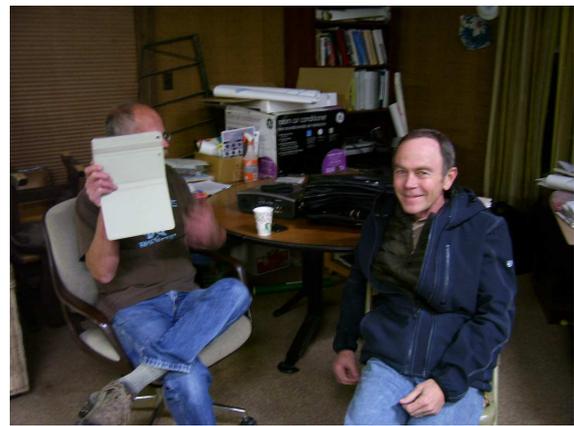
December

2014

www.648.eaachapter.org



November Meeting Photos:



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Editor

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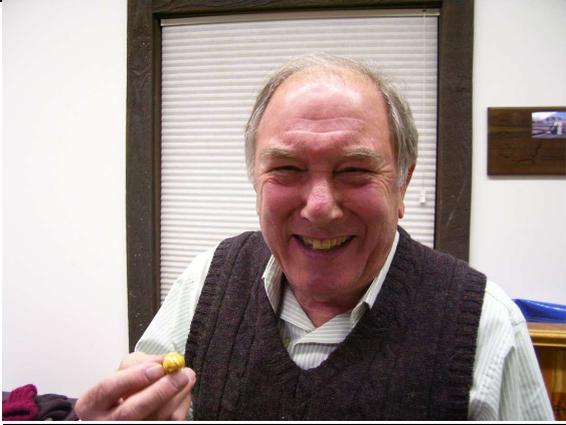
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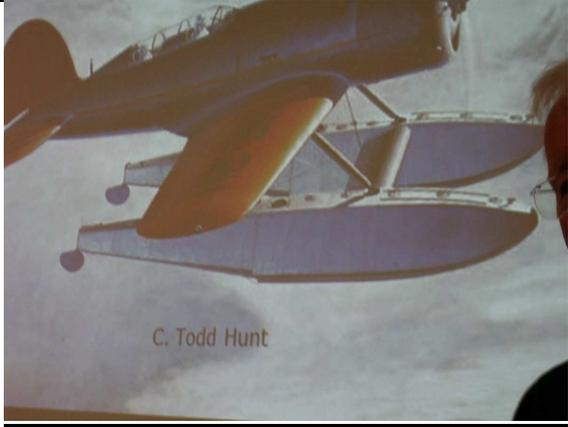
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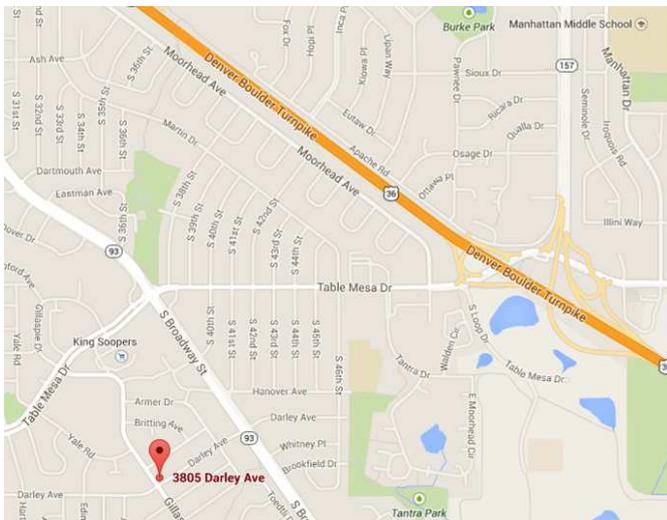
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The Chapter Christmas Party

Our annual Christmas Party will be held at the Socash residence in Boulder on Saturday, December 6th from about 5:30 to 8:30. The address is 3805 Darley Avenue, Boulder 80305. This is in the Table Mesa area of South Boulder.



Coming in on the Parkway/Diagonal from the North or on Route 36 (Turnpike) from the South, exit at the South Boulder Road – Table Mesa Drive exit. Proceed west on Table Mesa Drive to S. Broadway. (Estimate 1.3 miles and about six traffic lights) Turn left onto Broadway heading south and proceed about 4 tenths of a mile thru one traffic light to an emergency traffic signal. Turn right onto Darley Avenue heading west. Go two blocks to a stop sign at the corner of Darley Avenue and Gillespie. The stop sign is on the Socash property; Park anywhere on the surrounding streets.

The Chapter will provide main courses and non-alcoholic drinks, coffee, tea, etc. Bring a dish to share and personal choices if you prefer a stronger drink selection.

We always have a gift exchange. Bring a gift (around \$10.00) wrapped and marked, if appropriate for preferred gender(gentleman or lady). NOTE: Spouses and guests are welcomed and encouraged. This is a good chance for people to meet and have a good time at a Chapter event.

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A Message from the President

Just a brief note to encourage all to attend our Christmas Party on December 6th. Details are in this newsletter. The Chapter has two events each year that deviate from our regular meeting format. These include the Annual Picnic in late summer and the Christmas party in early December. Join us and bring your spouse or preferred guest(s). This is a good chance to meet other members and for spouses and guests to see what we're about. We start early enough and finish up in time to make driving to and from the party easier and hopefully safer if the weather turns bad.

To quote from our editor, Ed, **"Support your local EAA chapter. You'll be glad you did!"**

Dick Socash

President, EAA Chapter 648

Meeting Minutes for November 2014:

Guests:

Todd Hunt

Old business:

- Christmas party date - Saturday, Dec 6th at the Socash residence. Bring a gift around \$10 or under (wrapped) for the annual gift exchange. This will be a potluck, so bring a dish to share. Starting time is around 5:30-6:00pm. Guests are welcome. More details will follow.
- Introduction of members
- Dick presented a gift to Ed: spark plug holder and a fuel stick
- The group needs a replacement for Ed to do the newsletter (Ed's duties are over after January.) This involves converting word files to pdf, managing a communications list and managing the website. A camera comes with the job. All newsletters, travel reports and planes of the month go on the site. Doug and Rick will be assisting with the newsletter in the coming year.
- Dick will stay on as club president in the temporary term but would be glad to step down.

New business:

- Treasurer's Report: \$1184.50
- Steve will do a March meeting on welding.

Trip reports:

- Dick and Connie went to Saratoga, WY to enjoy the free hot springs which are less than a mile from the airport. The weather cooperated, and it was an enjoyable day!
- Steve and Janie went to Rapid City. Their radio died, so they resorted to the handheld which worked!! The culprit was a bad regulator.

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Tonight's speaker: Todd Hunt with "The Sirius Project"

- Todd was in the Marine Corps for 10 years flying a Prowler as a navigator. He flew float planes and a Travelair. He now works at Lockheed Martin.
- Lindbergh flew a Sirius from NY to China. Todd is building a Sirius from scratch and wants to reenact the flight to China but stop in Australia.

NEWSLETTER QUIZ

Each month, we will ask a "question" in the newsletter. Answers can only be given if you attend the meeting referenced in the newsletter. At the end of the year, there will be a prize to the person who has the most correct answers. Some will be easy and some difficult.

November Question:

Assume a gallon of aircraft paint sprayed onto an airplane weighs ten pounds. What amount of the weight is volatile liquid and what amount is pigment that adds to the weight of the aircraft? For simplicity, assume no pigment is lost to overspray.

November Answer:

Paint is typically composed of pigment, binder, and solvent. After application the solvent evaporates and the pigment and binder form the coating that adds weight to the surface. Pigment and binder percent weight can range from about 40% to 60% of the total liquid weight depending on the quality and type of paint. Aircraft paint is expensive and according to the suppliers, it's because of the greater amount of pigment which is the most expensive component in the paint. Assuming a gallon of aircraft paint weighs ten pounds, the added weight to the airframe after application can be as high as 6 pounds.

December Question:

The replica of Lindbergh's Sirius is being made out of Sitka Spruce and the estimated wood cost will approach \$200,000. What properties make Sitka Spruce ideal for use in wooden airplane construction? Second question: What WW2 airplane was made out of balsa wood sandwiched between plywood skins?

Other Items of Interest

AIRPLANE PICTURE OF THE MONTH (Holding at #16)



Yes, this is a Chapter 648 member's homebuilt.

No N-number and no Airworthiness Certificate, so it doesn't add to our list.

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Come on members... we need your pictures. Have we gotten so bad we have to show stick models as examples of planes built restored or owned by Chapter 648 members? If you have built, restored or owned a plane.... Get me some pictures so we can feature your plane in this newsletter!

Member and Special Friend Update ... Send a Message or Make a Visit

Thought I'd put this request in one more time. Bill Truax was a 648 member and a very special person who was always ready to help as a Tech Counselor. Bill suffered a stroke a year ago and is in Crown Crest of Parker rehabilitation center. Visits, emails, cards and calls are most welcome. Bill can't get around and Bill and Mary Mitchell who visited him said visits are very much appreciated.

Email: goonybrd@olyphen.com

Cell: (303) 249-2578

Room: (303) 840-6726

Address: 9398 Crown Crest Blvd. Room 313

Parker, CO 80138

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Saratoga, Wyoming – Visit to the Hot Springs:

Enjoyed a great trip to Saratoga, Wyoming before the cold weather hit us. For those involved in hunting and fishing, Saratoga provides game, fish, and outfitters who can arrange just about any accommodations equipment and guide service desired. We went for the hot springs. The town has a fancy resort that caters to the high end classes but it also provides access to a free 24/7 facility that makes the trip worthwhile.



The trip was an easy one and a half hours up and an hour and fifteen minutes back in an RV. The dogleg route we took was up past Ft Collins, north-west to Laramie, and then west to Saratoga. This avoids any high hills and affords some pretty scenery. The picture at the left shows the land between Ft. Collins and Laramie.



The local airport was a busy place as you can see. That's our plane, parked where the two sets of tie-down ropes were located. Weather was just about perfect with a slight breeze at ground level. At altitude, winds were about 45 knots.



This topographic deer in the pilot's center caught Connie's eye. Looks like someone had too much time on their hands. Actually, it was quite unique and the pilot amenities were very good at the airport.

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The airport is located close to town and it's an easy walk to the hot springs.

Here's the town-supplied hot spring. Hot, clean, and supported by a first class bath house and showers. I was going to include some "cheesecake" shots but decided instead on some "beefcake." Yes, that's me and after time in the hot water, that pole was necessary to maintain balance.

Walking back to the airport, we saw an interesting sight. Three vapor trails that intersected at a point. Pure coincidence but fun to look at. Winds aloft shifted the intersection point by the time the picture was taken.



General landscape between Saratoga and Wyoming-Colorado border.



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We usually alternate PIC on these flights flying from either seat. Connie did the flying home and with a strong tailwind, we were burning less than seven gallons per hour and had a ground speed at time of 180+ knots.



Picture above shows Saratoga. The airport is just outside of the picture's left edge.



Coming out of Saratoga, there are a few hills that were snow covered. Our route took us between them on a vector to Laramie. This is where we picked up the favorable tailwind.

Dick and Connie Socash

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To members, friends and aspiring authors. *Get published!*

Send in Your Newsletter Items:

DON'T FORGET!!! We need to get submissions from the members to include in future newsletters. I'm starting to run out of *ideas and lies*!! Let's hear from you!! Need "Plane of the Month", trip reports, technical tips, hangar tales, "beautiful planes" and aviation slanted "fish stories."

Officers:

- **President:**
 - Richard Socash 303-499-3169 rege.so@gmail.com
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